

TABLE J-1
Wetlands Delineated Along Proposed U.S. 67 Expansion

Wetland ID No. ^a	Total Hectares of Wetland ^b	Total Acres of Wetland	NWI Classification ^c	NRCS Designation	Plant Community	Dominant Vegetation	Soil Type ^d	Floristic Quality Index	Comments on Function
1	7.59	18.75	PEMC/ L1UBHx	W/FW	Emergent marsh in the Beardstown area	Rice Cutgrass, Narrow-leaved Cattail, Sandbar Willow	Orio	12.23	Site supports <i>Fimbristylis</i> and <i>Boltonia Decurrens</i> with Beardstown Marsh area
3	0.34	0.84	PUBGx	W	Ornamental pond	Common Duckweed, Purslane Speedwell, River Birch	Und.	4.03	Created pond
6	0.85	2.10	PSS1Cd/ PEMC	W	Scrub/shrub	Common Duckweed, Buttonbush, Silver Maple	Und.	9.36	Within Beardstown Marsh Natual Area
7	1.03	2.55	PFO1Cd/ PEMC	W	Floodplain forest of maple and birch	Canada Wood Nettle, Virginia Creeper, Silver Maple	Orio	7.68	Within Beardstown Marsh Natual Area
8	32.81	81.07	L1UBHx	W	Shallow open water/emergent marsh	Common Duckweed, American Lotus, Sandbar Willow	Und.	7.58	Within Beardstown Marsh Natual Area, this site supports several listed avian species
9	0.70	1.73	PUBGx	W	Small pond with scrub/shrub wetland	Rice Cutgrass, Curttop Lady's Thumb, Giant Smartweed	Und.	4.93	Within Beardstown Marsh Natual Area
10	0.57	1.41	PUBGx	W	Small pond with scrub/shrub wetland	Spikerush, Rice Cutgrass, Giant Smartweed	Und.	7.54	Within Beardstown Marsh Natual Area
13	1.01	2.50	PEMA	W	Emergent marsh	Bitterweed, Swamp Marigold, Dudley Rush	Orio	7.22	Within vicinity of Beardstown Marsh Natual Area
14	0.08	0.20	PFO1C	W	Wet/mesic floodplain forest dominated by river birch	Garlic Mustard, Common Snakeroot, Sandbar Willow	Orio	6.94	Within vicinity of Beardstown Marsh Natual Area
18	0.90	2.22	PFO1A	not mapped	Scrub/shrub wetland dominated by maple and dogwood	Prickly Sedge, Water Smartweed, Rough-leaved Dogwood	Orio	11.52	Within vicinity of Beardstown Marsh Natual Area
19	6.05	14.95	PEMCd	not mapped	Emergent wetland of reed canary grass and bulrush	Giant Ragweed, Prickly Sedge, Reed Canary Grass	Comfrey	10.85	Within vicinity of Beardstown Marsh Natual Area
20	0.31	0.77	PFO1A	W	Wet/mesic floodplain forest dominated by river birch	False Nettle, Silver Maple, Red Birch	Comfrey	11.12	Within vicinity of Beardstown Marsh Natual Area
22	0.48	1.19	PEMCd	W	Emergent marsh dominated by giant reed	Common Red Weed	Comfrey	2.12	Within vicinity of Beardstown Marsh Natual Area
23	NA	NA	PEMCd	W	Emergent wetland within farmed areas	Chufa, Spike Rush, Rice Cutgrass	Comfrey	3.46	Within vicinity of Beardstown Marsh Natual Area
25	0.38	0.94	PEMCf/ PEMAf	W	Pond with emergent wetland	Water Smartweed, Bearded Wheat, Common Duckweed	Und.	4.23	Within vicinity of Beardstown Marsh Natual Area
26a	0.08	0.20	PEMC	W	Small emergent wetland adjacent a hog operation	Common Duckweed, Fall Panicum, Giant Smartweed	Und.	3.26	Within vicinity of Beardstown Marsh Natual Area
26b	NA	NA	PEMC	W	Livestock pond with limited vegetation	NA	Und.	0	Within vicinity of Beardstown Marsh Natual Area
27a	0.79	1.96	PEMA	W	Emergent wetland in the Beardstown area	Dogbane, Lakebank Sedge, Water Smartweed	Comfrey	11.11	Within vicinity of Beardstown Marsh Natual Area
27b	0.04	0.10	R2UBh	W	Small depressional emergent site adjacent Beardstown ditch	Reed Canary Grass, Rice Cutgrass	Und.	11.11	Within vicinity of Beardstown Marsh Natual Area
28	17.98	44.43	PFO1A/ PUBGhx	W	An extensive floodplain forest adjacent the Illinois River	Silver Maple, Beggar's Ticks, Giant Smartweed	Beaucoup	2.82	Within vicinity of Beardstown Marsh Natual Area
30	2.42	5.99	PFO1A/ PSS1A	W/FW	Wet-mesic floodplain forest dominated by maple and cottonwood	Giant Smartweed, Silver Maple, Eastern Cottonwood	Und.	4.48	Within vicinity of Beardstown Marsh Natual Area, Illinois Chorus frog reported for location
31	54.02	133.48	PFO1Ah/ PFO1Ch	W	Floodplain forest located on Curry Island in the Illinois River	Silver Maple, False Nettle	Beaucoup	8.01	40-50 year old silver maple and black willow predominate
32	0.06	0.16	PUBGx	N/A	Small settling pond	Water Smartweed, Sandbar Willow, Black Willow	Und.	4.03	A man-made pond with wetland vegetation
33	2.31	5.71	PEMFx	W	Wet-mesic floodplain forest dominated by silver maple	Silver Maple, Rice Cutgrass	Und.	4.9	Site dominated by disturbance tolerant species. Limited wildlife habitat value
39	0.27	0.66	PUBGx	AW	Small vegetated pond	Sedge, Silver Maple, Sandbar Willow	Und.	6.93	Farm pond

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41	0.47	1.17	not mapped	N/A	Wet-mesic floodplain forest dominated by elm, maple and willow	Fowl Manna Grass, Panicked Aster, Poison Ivy	Viriden	10.92	Site dominated by disturbance tolerant species. Limited wildlife habitat value
44	0.17	0.43	not mapped	N/A	Depressional emergent wetland located at a stream headwater	Awnless Brome Grass, Green Bulrush, Canada Goldenrod	Und.	8.24	Wildlife habitat value, badger seen near wetland
45	0.07	0.17	PUBGx	AW	Ponded wet-meadow dominated by r.c.grass and <i>Bidens</i> spp.	Rice Cutgrass, Reed Canary Grass, American Elm	Und.	4.9	Site dominated by disturbance tolerant species
46	1.70	4.20	PEMCh/ PFO1Ah	AW	Emergent, Scrub/shrub wetland within Schuy-Rush Lake	Needle Spike Rush, Spike Rush, Sandbar Willow	Und.	5.5	Within portions of Schuy-Rush Lake
48	0.11	0.26	PUBGh	AW	Small impoundment	Common Beggar-ticks, Kentucky Bluegrass, Black Willow	Und.	4.48	Farm pond
49	0.32	0.80	PEMCh	AW	Created impoundment/ emergent marsh	Buffalo Weed, Ginat Smartweed, River Bulrush	Und.	5.74	Emergent marsh
51	0.81	1.99	PUBGx	W	Pond/wet-mesic forest dominated by willow	Common Duckweed, Silver Maple, River Birch	Und.	6.32	Within Beardstown Marsh Natual Area
52	29.68	73.34	PEMCd	W	Extensive emergent marsh near Beardstown	Rice Cutgrass, American Lotus, Reed Canary Grass	Comfrey	9.06	Within Beardstown Marsh Natual Area
54a	0.11	0.27	PSS1A	W	Forested wetland dominated by willow	Reed Canary Grass, Silver Maple, Black Willow	Gilford	8.01	Within Beardstown Marsh Natual Area
54b	0.11	0.27	PEMC	W	Forested wetland dominated by willow	Reed Canary Grass, Silver Maple, Black Willow	Comfrey	8.01	Within Beardstown Marsh Natual Area
54c	1.22	3.01	PEMC	W	Forested wetland dominated by willow	Silver Maple, River Birch	Comfrey	7.44	Within Beardstown Marsh Natual Area
54d	0.09	0.22	PSS1A	W	Forested wetland dominated by willow	Reed Canary Grass, Silver Maple, Black Willow	Gilford	8.01	Within Beardstown Marsh Natual Area
55	0.31	0.76	PEMCd	W	Forested wetland dominated by birch	Reed Canary Grass, Canada Clearweed, River Birch	Comfrey	7.9	Within Beardstown Marsh Natual Area
56	0.07	0.17	PUBF	W	Pond/forested wetland dominated by birch	Common Duckweed, Buttonbush, River Birch	Und.	6.35	Within Beardstown Marsh Natual Area
57	1.02	2.52	PFO1A	W	Wet-mesic floodplain forested dominated by cottonwood	Reed Canary Grass, River Birch, Silver Maple	Comfrey	4.93	Within Beardstown Marsh Natual Area
58	7.03	17.38	PEMCd/ PFO1Cd	W	Wet-mesic floodplain forested dominated by silver maple	Reed Canary Grass, Common Snakeroot, Silver Maple	Comfrey	6.13	Site supports Fimbristylis and Boltonia Decurrens with Beardstown Marsh area
59	0.16	0.39	PEMFx	W	A depressional forested wetland dominated by willow and elm	Common Duckweed, Buttonbush, Silver Maple	Und.	6.13	Within Beardstown Marsh Natual Area
60	0.40	1.00	PEMCx	W	Emergent marsh dominated by r.c. grass and <i>Bidens</i> sp.	Common Beggar-ticks, Reed Canary Grass, Water Smartweed	Orio	8	Within Beardstown Marsh Natual Area
61	0.97	2.40	PSS1Cd	W	Scrub/shrub wetland dominated by willow and birch	Canada Clearweed, River Birch, Black Willow	Comfrey	12.57	Site has been ditched
62	0.07	0.17	PUBGx	W	Ponded scrub/shrub wetland dominated by willow	Common Duckweed, Sandbar Willow	Und.	4.62	Created pond
79	0.54	1.34	PFO1A	W	Floodplain forest of buckeye and walnut	False Nettle, Poison Ivy, Ohio Buckeye	Und.	10.66	Dominated by disturbance averse canopy species
80	0.14	0.34	PFO1A	W	Scrub/shrub wetland dominated by willow	Giant Ragweed, Reed Canary Grass, Giant Foxtail	Und.	7.54	Riparian wildlife habitat
81	0.06	0.16	PUBGh	AW	An impounded pond and scrub/shrub wetland	Cattail, Black Willow	Und.	7.35	Potential duck habitat
83	NA	NA	PUBGh	AW	Small maintained pond	Rice Cutgrass, Reed Canary Grass, Dark Green Rush	Und.	6.72	Man-made pond
84	0.13	0.33	not mapped	N/A	Wet meadow/seep dominated by <i>Scirpus</i> sp. and <i>Bidens</i> sp.	Swamp Marigold, Jewelweed, Dark Green Rush	Und.	9.16	Wildlife habitat provided
85	0.03	0.09	PEMCh	N/A	Small/linear emergent and forested wetland	Sawtooth Sunflower, Red Bulrush, Canada Goldenrod	Und.	6.97	Dominated by disturbance tolerant species
87	0.36	0.89	PUBGh	AW	Impounded emergent/wet meadow	Reed Canary Grass, Clearweed	Und.	7.51	Potential duck habitat

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88	0.08	0.19	PUBGh	N/A	Small impoundment	Jewelweed, Duckweed	Und.	3.46	Man-made pond
90	0.70	1.73	not mapped	N/A	Wet meadow area dominated by r.c. grass	Reed Canary Grass	Sawmill	6.74	Within Mauvaise Terre floodplain
91	0.89	2.20	PFO1Cx/ PUBfx	W	Floodplain forest of Mauvaise Terre Creek	Moneywort, Canada Clearweed, Silver Maple	Und.	6.27	Within Mauvaise Terre floodplain
93	4.42	10.93	not mapped	FW	Emergent wetland adjacent to Mauvaise Terre Creek	Prickly Sedge, Spike Rush, Virginia Wild Rye	Sawmill	7.54	Within Mauvaise Terre floodplain
94	0.58	1.43	not mapped	FW	Emergent wetland adjacent to Mauvaise Terre Creek	Prickly Sedge, Chufa, Virginia Wild Rye	Lawson	8.85	Within Mauvaise Terre floodplain
95	3.84	9.50	PFO1A/ PFO1C	W	Floodplain forest of Mauvaise Terre Creek	Panicled Aster, Canada Wood Nettle, Cutleaf Coneflower	Sawmill	N/A	Mature second growth floodplain forest, Grade C community
97	0.04	0.11	PEMFh	AW	Small vegetated impoundment	Jewelweed, Reed Canary Grass	Und.	4	
98	1.22	3.02	PFO1A/ PFO1C	W	Floodplain forest of Mauvaise Terre Creek	Panicled Aster, Canada Wood Nettle, Moneywort	Sawmill	16.38	Floodplain forest
99	0.02	0.06	not mapped	W	Forested wetland located near Mauvaise Terre Creek	Anise-root, Cutleaf Coneflower, American Elm	Sawmill	6.26	Dominated by disturbance tolerant species
101	0.03	0.07	PUBGh	AW	Small vegetated pond	Swamp Marigold, Canada Clearweed, Common Smartweed	Und.	4.03	
102	0.20	0.49	not mapped	N/A	Small vegetated pond	Canada Wood Nettle, Common Duckweed, Water Pepper	Und.	1.77	
104	0.12	0.29	PUBGh	AW	Pond/emergent wetland	American Lotus, Water Pepper, Black Willow	Und.	5.64	Limited habitat function due to grazing
105	0.08	0.19	PUBGh	AW	Pond/emergent wetland	Water Pepper, Arrowhead	Und.	4	Limited habitat function due to grazing
106	0.10	0.24	PUBGh	N/A	Pond/emergent wetland	Reed Canary Grass, Dark Green Rush	Und.	9.41	
107	0.03	0.07	PUBFh	N/A	Vegetated impoundment	Jewelweed, Box Elder	Und.	5.71	
112	0.07	0.17	PEMCx	W	A grassed waterway	Reed Canary Grass	Sawmill	2.5	A grassed waterway with limited value
118	NA	NA	PEMC	W	Emergent marsh/pasture land near Troublesome Creek	Chufa, Barnyard Grass, Giant Smartweed	Sawmill	4.93	Pasture
120	0.57	1.40	PEMF	W	Wet meadow located along Camp Creek	Reed Canary Grass	Sawmill	7.8	Riparian wildlife habitat
121a	0.04	0.10	PFO1A	W	Floodplain forested dominated by elm, along Camp Creek	Reed Canary Grass, Virginia Wild Rye, Giant Smartweed	Sawmill	N/A	Dominated by disturbance tolerant species
122	0.08	0.19	PEMC	W	Small depressional emergent wetland	Reed Canary Grass, Sweetflag	Sawmil	9.1	Wildlife habitat present
123	0.16	0.40	PUBGh	W	Vegetated pond or impoundment	Spike Rush, Common Duckweed, Reed Canary Grass	Und.	3.46	Livestock pond
124	0.21	0.53	PUBGh	AW	Vegetated pond or impoundment	Common Duckweed, Cattail	Und.	2.82	Livestock pond
125	0.41	1.02	PUBGh	AW	Vegetated pond or impoundment	Barnyard Grass, Spike Rush, Arrowhead	Und.	4.62	Livestock pond
128	0.48	1.19	not mapped	W	A wet meadow dominated by r.c. grass and buffalo weed	Buffalo Weed, Reed Canary Grass	Sawmill	2.24	Minimal habitat value
129	0.06	0.14	PEMC	W	A small emergent wetland located near Grindstone Creek	Spike Rush, Common Smartweed	Sawmill	2.5	
133	0.08	0.20	PUBGh	AW	Vegetated pond	Common Beggar-ticks, Rice Cutgrass	Und.	5	
134	0.04	0.11	not mapped	N/A	Emergent marsh/pond	Late Boneset, Jewelweed, Dark Green Rush	Und.	6.93	Wildlife habitat provided
135	NA	NA	PUBGh/ PEMFh	AW	Vegetated pond	Reed Canary Grass, Silver Maple, Black Willow	Und.	3.5	
136	0.05	0.13	PUBGh	AW	Pond/emergent marsh	Cattail, Common Duckweed	Und.	2.82	
137	0.19	0.47	PUBGh	AW	Vegetated pond	Reed Canary Grass, Silver Maple, Black Willow	Und.	4.03	
139	0.08	0.21	PEMC	W	Emergent marsh near Grindstone Creek	Meadow Fescue, Giant Smartweed, Cattail	Und.	2.89	Pasture use of the site

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141	0.08	0.20	PUBGh	AW	Maintained pond/emergent marsh	Leafy Pondweed, Dark Green Rush	Und.	6.5	
143	0.04	0.10	PUBGh	W	Linear emergent wetland near Carter Creek	Late Boneset, Reed Canary Grass, Ginat Smartweed	Sawmill	1.41	
146	0.05	0.12	not mapped	N/A	Floodplain forest dominated by box elder and willow	Reed Canary Grass, Giant Smartweed, Black Willow	Und.	5	Dominated by disturbance tolerant species
147	0.18	0.44	PUBGh	W	Vegetated pond	Sandbar Willow, Cattail	Und.	1.41	
148	0.70	1.73	PFO1A	W	Floodplain forest along trib to Sugar Creek	Canada Wood Nettle, Anise-root, Silver Maple	Und.	9.24	Dominated by disturbance tolerant species
149	0.15	0.37	PFO1A	W	Floodplain forest along trib to Sugar Creek	Canada Wood Nettle, Buttonwood, American Elm	Und.	6.93	Mature second growth forest
154	0.07	0.17	PUBGh	AW	Vegetated pond	Barnyard Grass, Arrowhead	Und.	4	
158	0.74	1.82	R2UBh	W	Emergent wetland along Indian Creek	Rice Cutgrass, Beggar's Ticks, Giant Smartweed	Und.	8	
160	0.19	0.46	PFO1A	W	Floodplain forest along Indian Creek	Common Beggar-ticks, Wild Balsam-apple, Water Smartweeed	Beaucoup	6.37	Dominated by disturbance tolerant species
161	0.40	0.99	PEMCx		Emergent wetland	Common Beggar-ticks, Spike Rush	Und.	2.3	Maintained for agricultural purposes
162	0.10	0.25	PEMC		Emergent wetland	Spike Rush, Torrey Rush, River Bulrush	Darwin	5.19	<i>Scirpus Hallii</i> present within wetland
163	0.21	0.52	PEMCx		Emergent Wetland	Dagbane, Nodding Beggar-ticks, Reed Canary Grass	Und.	4.03	<i>Scirpus Hallii</i> present within wetland
165	0.35	0.86	PUBGh	AW	Vegetated pond	Kentucky Bluegrass, Wide-leaved Cattail, Sandbar Willow	Und.	4.53	
167	7.32	18.09	PFO1A	W	Floodplain forest near Mauvaise Terre Creek	Panicled Aster, Canada Wood Nettle, Cutleaf Coneflower	Sawmill	16.38	Mature second growth forest
170	0.57	1.41	PEMC/ PUBGh	AW	Pond/floodplain forest dominated by willow	Panicled Aster, Sandbar Willow, Black Willow	Und.	6.69	Used for livestock purposes
171	2.35	5.81	PUBGh	N/A	Vegetated pond	Panicled Aster, Reed Canary Grass, Sandbar Willow	Und.	4.48	
173	0.18	0.44	PUBGh	AW	Pond/scrub-shrub wetland dominated by willow	Curly Dock, Sandbar Willow	Und.	2.87	
178	0.04	0.10	PUBGx	AW	Vegetated pond	Curly Dock, Silver Maple	Und.	3.58	
181	0.09	0.22	PEMC	N/A	Floodplain forest dominated by elm and box elder	Canada Wood Nettle, Moneywort, Box Elder	Und.	6.07	Dominated by disturbance tolerant species
182	0.05	0.12	not mapped	W	Emergent marsh	Needle Spike Rush, Arrowhead, Purslane Speedwell	Orio	4.48	
184	0.01	0.02	PSS1Ax	N/A	Emergent wetland within abandoned landfill	Spike Rush, Giant Smartweed, Purslane Speedwell	Und.	5.67	
185 (AD1-6)	0.05	0.12	PUBFx	AW	Pond/floodplain wetland within abandoned landfill	Rice Cutgrass, Giant Smartweed, Sandbar Willow	Bloomfield	2.8	Potential Illinois Mud Turtle habitat
186 (AD1-5)	0.21	0.52	PUBGx	AW	Pond/floodplain wetland within abandoned landfill	Rice Cutgrass, Giant Smartweed, Sandbar Willow	Bloomfield	3.6	Potential Illinois Mud Turtle habitat
187	0.03	0.07	not mapped	N/A	Emergent marsh near Stock lane	Prickly Sedge, Chufa	Gilford	5.9	
188	0.53	1.31	not mapped	FW	Emergent marsh near Stock lane	Spike Rush, River Bulrush, Purslane Speedwell	Und.	8.56	
189	0.6	1.48	not mapped	N/A	Scrub-shrub and forested wetland dominated by elm	Sedge, Rough-leaved Dogwood, American Elm	Gilford	6.33	
190	0.66	1.63	PSS1A	N/A	Scrub-shrub wetland dominated by r.c. grass and elderberry	Reed Canary Grass, Curly Dock, Freshwater Cord Grass	Comfrey	10.13	Good wildlife habitat value
192	0.06	0.15	not mapped	N/A	Wet meadow	Reed Canary Grass, Black Willow	Und.	5.71	Good wildlife habitat value
193	0.83	2.05	not mapped	W	Floodplain forest along Lick Creek	Reed Canary Grass, Box Elder, Black Willow	Sawmill	8.72	Good wildlife habitat value

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198	0.04	0.10	not mapped	N/A	Emergent marsh	Sedge, Reed Canary Grass, Dark Green Rush	Und.	7.99	
200	0.47	1.16	PUBGh	AW	Pond/emergent marsh	Rice Cutgrass, Reed Canary Grass, Dark Green Rush	Und.	6.47	Livestock pond
201	0.18	0.44	PUBGh	N/A	Pond/emergent marsh	Sweetflag, Rice Cutgrass, Reed Canary Grass	Und.	9.46	potential duck habitat
202	0.09	0.22	PUBGh	N/A	Pond/floodplain forest dominated by elm	False Nettle, Poison Ivy, American Elm	Und.	6.02	potential duck habitat
203	0.21	0.52	PUBGh	AW	Pond/emergent marsh	Rice Cutgrass, Soft Bulrush, Giant Smartweed	Und.	6.64	potential duck habitat, breeding amphibians observed
204	0.17	0.42	PUBGh	AW	Vegetated pond	Chufa, Giant Ragweed, Panicked Aster	Und.	6	Potential duck habitat
205	0.11	0.27	PUBF	AW	Vegetated pond	Pony Grass, Common Duckweed, Sandbar Willow	Und.	6.5	Site supports <i>Fimbristylis</i> and <i>Scirpus Hallii</i> within Beardstown Marsh area
206	0.02	0.05	PEM/ SS1A	W	Vegetated pond	Fall Panicum, Giant Foxtail, Sandbar Willow	Und.	3.14	Amphibian breeding observed
208	6.5	16.06	PFO1A/ EMC/SS1C	W	Scrub/shrub wetland along Beardstown ditch	Eastern Cottonwood, Pin Oak, Red Birch	Sawmill	21.37	Site supports a FQI value of over 20
211	0.28	0.69	not mapped	NA	Floodplain forest near Lick Branch	White Avens, Tartarian Honeysuckle, Box Elder	Und.	5.66	
AD1-1	3.2	7.91	PEMAf	W	Adjacent Site 189	Silver Maple, River Birch	Gilford	9.5	Site supports the Illinois Chorus Frog
AD1-2	2.8	6.92	PEMAf	W	Emergent marsh	River Bulrush, Fireweed, Common Smartweed	Gilford	10.6	Site supports the Illinois Chorus Frog and provides potential Illinois mud turtle habitat
AD1-3	0.44	1.09	PEMAf	FW	Farmed wetland	Soy Bean, Ivy Leaf Morning Glory, Chufa	Gilford	0.4	Site supports the Illinois Chorus Frog, <i>Scirpus Hallii</i> and provides potential Illinois mud turtle habitat
AD2 NRCS1	0.98	2.42	not mapped	FW	Farmed wetland	NA	Und.	NA	
AD2 NRCS2	1.68	4.15	not mapped	FW	Farmed wetland	NA	Und.	NA	
AD2 NRCS3	1.23	3.04	not mapped	FW	Farmed wetland	NA	Und.	NA	
AD2 NRCS4	3.38	8.35	not mapped	FW	Farmed wetland	NA	Und.	NA	
AD2 NRCS5	2.91	7.19	not mapped	FW	Farmed wetland	NA	Und.	NA	
AD2 NRCS6	0.69	1.70	not mapped	FW	Farmed wetland	NA	Und.	NA	
AD3-1	0.59	1.46	PEMA	NA	Narrow drainage	Lake Sedge, Smartweed, Bulrush	Und.	9.9	
AD3-2	0.23	0.57	PEMA	NA	Wetland fringe	Cattail, Boneset, Sunflower	Und.	4.16	
AD3-3	0.41	1.01	PEMA	NA	Linear emergent wetland near Horney Branch	Sunflower, Smartweed	hickory silt loam	9.4	
AD3-4	0.06	0.15	PF01	W	Forested Wetland along Horney Branch	Sycamore, Elm, Nettles	Und.	7.8	
AD3-5	0.69	1.70	PEMAf		Headwaters of Ryan Branch	Barnyard Grass, Rice Cut Grass	Und.	7.42	
AD3-6	0.06	0.15	PEMAf	NA	Along Ryan Branch	Barnyard Grass, Rice Cut Grass	Und.	6.1	

TABLE J-2

Wetland Impacts and Compensation Requirements for Common Segments

Wetland Unit	Impact Area		Ratio Category	Ratio X:1	Compensation Area	
	Hectare	Acre			Hectare	Acre
Emergent						
1	0.64	1.57	<i>Fimbristylis B. decurrens</i>	5.5	3.50	8.64
19	1.83	4.52	Offsite (In-Basin)	4	7.32	18.09
46	0.32	0.78	Offsite (Out-of-Basin)	5.5	1.73	4.29
33	0.28	0.69	Offsite (In-Basin)	4	1.13	2.78
49	0.01	0.01	Offsite (In-Basin)	3	0.02	0.04
93	1.88	4.63	Offsite (In-Basin)	4	7.50	18.54
94	0.26	0.64	Offsite (In-Basin)	4	1.03	2.54
120	0.14	0.36	Offsite (Out-of-Basin)	3	0.43	1.07
122	0.11	0.27	Offsite (Out-of-Basin)	3	0.33	0.82
128	0.48	1.19	Offsite (Out-of-Basin)	5.5	2.64	6.52
AD3-3	0.41	1.01	Offsite (Out-of-Basin)	5.5	2.25	5.55
AD3-4	0.06	0.14	Offsite (Out-of-Basin)	3	0.17	0.42
AD3-5	0.03	0.07	Offsite (Out-of-Basin)	3	0.09	0.21
AD3-6	0.02	0.05	Offsite (Out-of-Basin)	3	0.06	0.15
AD3-1	0.60	1.47	Offsite (Out-of-Basin)	5.5	3.28	8.10
Impact Total:	7.05	17.41	Compensation Total:		31.47	77.76
PUB						
39	0.03	0.08	Offsite (In-Basin)	2	0.07	0.17
143	0.05	0.12	Offsite (Out-of-Basin)	3	0.14	0.35
Impact Total:	0.08	0.20	Compensation Total:		0.21	0.52
Forested						
18	0.89	2.20	Offsite (In-Basin)	4	3.56	8.80
20	0.00	0.01	Offsite (In-Basin)	3	0.01	0.04
28	1.09	2.70	Offsite (In-Basin)	4	4.37	10.79
30	1.13	2.79	<i>Pseudacris streckeri illinoensis</i>	5.5	6.22	15.37
31	1.96	4.84	Offsite (In-Basin)	4	7.84	19.37
80	0.04	0.10	Offsite (Out-of-Basin)	3	0.12	0.30
91	0.09	0.23	Offsite (In-Basin)	2	0.19	0.47
146	0.01	0.03	Offsite (Out-of-Basin)	3	0.04	0.10
149	0.02	0.05	Offsite (Out-of-Basin)	3	0.06	0.15
Impact Total:	5.25	12.96	Compensation Total:		22.41	55.38
Other						
8	0.40	0.98	Offsite (in-basin)	4	1.59	3.93
Impact Total:	12.78	31.55	Compensation Total:		55.68	137.58

TABLE J-3**Wetland Impacts and Compensation Requirements for Alternative A**

Wetland Unit	Impact Area		Ratio Category	Ratio X:1	Compensation Area	
	Hectare	Acre			Hectare	Acre
Emergent						
AD1-1	0.02	0.04	Offsite (in-basin)	4	0.07	0.16
AD1-3	0.44	1.09	<i>Pseudacrisstreckeri illinoensis</i>	5.5	2.42	5.98
Impact Total	0.46	1.13	Compensation Total		2.49	6.14
PUB						
62	0.01	0.02	Offsite (in-basin)	2	0.02	0.05
Impact Total	0.01	0.02	Compensation Total		0.02	0.05
Farmed Wetland						
AD2 NRCS1	0.67	1.65	Offsite (in-basin)	2	1.34	3.31
AD2 NRCS2	0.54	1.34	Offsite (in-basin)	2	1.08	2.67
AD2 NRCS3	0.37	0.92	Offsite (in-basin)	2	0.75	1.85
AD2 NRCS4	0.58	1.43	Offsite (in-basin)	2	1.16	2.86
AD2 NRCS5	0.46	1.13	Offsite (in-basin)	2	0.91	2.26
AD2 NRCS6	0.41	1.00	Offsite (in-basin)	2	0.81	2.01
Impact Total	3.02	7.47	Compensation Total		6.05	14.95
Impact Total	3.49	8.62	Common Segment Total		8.56	21.14

TABLE J-4

Wetland Impacts and Compensation Requirements for Alternative E

Wetland Unit	Impact Area		Ratio Category	Ratio X:1	Compensation Area	
	Hectare	Acre			Hectare	Acre
Emergent						
161	0.07	0.17	<i>Scirpus Hallii</i>	5.5	0.39	0.95
163	0.08	0.20	<i>Scirpus Hallii</i>	5.5	0.44	1.09
Impact Total	0.15	0.37		Compensation Total	0.83	2.04
Forested						
160	0.09	0.22	Offsite (In-Basin)	2	0.18	0.44
Impact Total	0.09	0.22		Compensation Total	0.18	0.44
Total:	0.24	0.59		Alternative E Total:	1.01	2.48

TABLE J-2

Wetland Impacts and Compensation Requirements for Common Segments

Wetland Unit	Impact Area		Ratio Category	Ratio X:1	Compensation Area	
	Hectare	Acre			Hectare	Acre
Emergent						
1	0.64	1.57	<i>Fimbristylis B.</i>	5.5	3.50	8.64
19	1.83	4.52	Offsite (In-Basin)	4	7.32	18.09
46	0.32	0.78	Offsite (Out-of-Basin)	5.5	1.73	4.29
33	0.28	0.69	Offsite (In-Basin)	4	1.13	2.78
49	0.01	0.01	Offsite (In-Basin)	3	0.02	0.04
93	1.88	4.63	Offsite (In-Basin)	4	7.50	18.54
94	0.26	0.64	Offsite (In-Basin)	4	1.03	2.54
120	0.14	0.36	Offsite (Out-of-Basin)	3	0.43	1.07
122	0.11	0.27	Offsite (Out-of-Basin)	3	0.33	0.82
128	0.48	1.19	Offsite (Out-of-Basin)	5.5	2.64	6.52
AD3-3	0.41	1.01	Offsite (Out-of-Basin)	5.5	2.25	5.55
AD3-4	0.06	0.14	Offsite (Out-of-Basin)	3	0.17	0.42
AD3-5	0.03	0.07	Offsite (Out-of-Basin)	3	0.09	0.21
AD3-6	0.02	0.05	Offsite (Out-of-Basin)	3	0.06	0.15
AD3-1	0.60	1.47	Offsite (Out-of-Basin)	5.5	3.28	8.10
Impact Total:	7.05	17.41	Compensation Total:		31.47	77.76
PUB						
39	0.03	0.08	Offsite (In-Basin)	2	0.07	0.17
143	0.05	0.12	Offsite (Out-of-Basin)	3	0.14	0.35
Impact Total:	0.08	0.20	Compensation Total:		0.21	0.52
Forested						
18	0.89	2.20	Offsite (In-Basin)	4	3.56	8.80
20	0.00	0.01	Offsite (In-Basin)	3	0.01	0.04
28	1.09	2.70	Offsite (In-Basin)	4	4.37	10.79
30	1.13	2.79	<i>Pseudacris streckeri</i> <i>illinoensis</i>	5.5	6.22	15.37
31	1.96	4.84	Offsite (In-Basin)	4	7.84	19.37
80	0.04	0.10	Offsite (Out-of-Basin)	3	0.12	0.30
91	0.09	0.23	Offsite (In-Basin)	2	0.19	0.47
146	0.01	0.03	Offsite (Out-of-Basin)	3	0.04	0.10
149	0.02	0.05	Offsite (Out-of-Basin)	3	0.06	0.15
Impact Total:	5.25	12.96	Compensation Total:		22.41	55.38
Other						
8	0.40	0.98	Offsite (in-basin)	4	1.59	3.93
Impact Total:	12.78	31.55	Compensation Total:		55.68	137.58

TABLE J-3

Wetland Impacts and Compensation Requirements for Alternative A

Wetland Unit	Impact Area		Ratio Category	Ratio X:1	Compensation Area	
	Hectare	Acre			Hectare	Acre
Emergent						
AD1-1	0.02	0.04	Offsite (in-basin)	4	0.07	0.16
AD1-3	0.44	1.09	<i>Pseudacrisstreckeri</i> <i>illinoensis</i>	5.5	2.42	5.98
Impact Total	0.46	1.13	Compensation Total		2.49	6.14
PUB						
62	0.01	0.02	Offsite (in-basin)	2	0.02	0.05
Impact Total	0.01	0.02	Compensation Total		0.02	0.05
Farmed Wetland						
AD2 NRCS1	0.67	1.65	Offsite (in-basin)	2	1.34	3.31
AD2 NRCS2	0.54	1.34	Offsite (in-basin)	2	1.08	2.67
AD2 NRCS3	0.37	0.92	Offsite (in-basin)	2	0.75	1.85
AD2 NRCS4	0.58	1.43	Offsite (in-basin)	2	1.16	2.86
AD2 NRCS5	0.46	1.13	Offsite (in-basin)	2	0.91	2.26
AD2 NRCS6	0.41	1.00	Offsite (in-basin)	2	0.81	2.01
Impact Total	3.02	7.47	Compensation Total		6.05	14.95
Impact Total	3.49	8.62	Common Segment Total		8.56	21.14

TABLE J-4

Wetland Impacts and Compensation Requirements for Alternative E

	Impact Area				Compensation Area	
Wetland Unit	Hectare	Acre	Ratio Category	Ratio X:1	Hectare	Acre
Emergent						
161	0.07	0.17	<i>Scirpus Hallii</i>	5.5	0.39	0.95
163	0.08	0.20	<i>Scirpus Hallii</i>	5.5	0.44	1.09
Impact Total	0.15	0.37		Compensation Total	0.83	2.04
Forested						
160	0.09	0.22	Offsite (In-Basin)	2	0.18	0.44
Impact Total	0.09	0.22		Compensation Total	0.18	0.44
Total:	0.24	0.59		Alternative E Total:	1.01	2.48